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**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

|   |
|---|
| ATTORNEY'S DOCKET NUMBER<br>43315-229589        |
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) |

|   |  |  |
|---|--|--|
| INTERNATIONAL APPLICATION NO.<br>PCT/SE2004/0001316 | INTERNATIONAL FILING DATE<br>13 September 2004 | PRIORITY DATE CLAIMED<br>26 September 2003 |
|---|--|--|

|  |  |
|--|--|
| TITLE OF INVENTION<br><b>SYSTEM FOR TRANSMISSION OF ELECTRIC POWER</b> |  |
| APPLICANT(S) FOR DO/EO/US<br>Lindahl et al.                            |  |

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98 and copies of 4 references.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

IAP20 Receipt Dated 24 MAR 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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|  |              |   |  |             |
|--|--------------|---|--|-------------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.57)<br><i>33315-229589</i>  |              | INTERNATIONAL APPLICATION NO.<br>PCT/SE2004/0001316                           | ATTORNEY'S DOCKET NUMBER<br>43315-229589 |             |
| 20. <input checked="" type="checkbox"/> Other items or information: Return Receipt Postcard, PCT/ISA/210, PCT/IPEA/409, PCT/IB/311, PCT/IPEA/416.  |              |   |  |             |
| <p>The following fees have been submitted</p> <p>21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) ..... \$300</p> <p>22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))<br/>If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0<br/>All other situations ..... \$200</p> <p>23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))<br/>If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0<br/>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100<br/>International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400<br/>All other situations ..... \$500</p> |              |   | CALCULATIONS                             | PTO USEONLY |
| <b>TOTAL OF 21, 22 and 23 =</b>  |              |   | \$ 900.00                                |             |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium (37 CFR 1.492(j)).<br>The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |   |  |             |
| Total Sheets   | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE                                     |             |
| 23 - 100 =   | /50 =        |   | x \$250.00                               | \$          |
| Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).   |              |   | \$ 130.00                                |             |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA  | RATE                                     |             |
| Total claims   | 52-20        | 32  | x 50.00                                  | 1,600.00    |
| Independent claims   | 6 - 3 =      | 3   | x 200.00                                 | 600.00      |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |              |   | +  |             |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |   | \$ 3,230.00                              |             |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.   |              |   |  |             |
|  |              |   | <b>SUBTOTAL =</b>                        | \$ 3,230.00 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  |              |   | \$                                       |             |
|  |              |   | <b>TOTAL NATIONAL FEE =</b>              | \$ 3,230.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   |              |   | \$                                       |             |
|  |              |   | \$                                       |             |
|  |              |   | <b>TOTAL FEES ENCLOSED =</b>             | \$ 3,230.00 |
|  |              |   | Amount to be refunded:                   | \$          |
|  |              |   | Amount to be charged                     | \$          |

10/15/2006  
10/15/2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

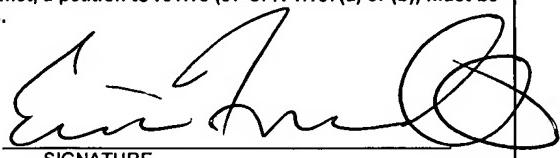
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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- a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. 22-0261 in the amount of \$ 3,230.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 22-0261. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:



SIGNATURE

Eric J. Franklin

NAME

CUSTOMER NUMBER: 26694

37,134

REGISTRATION NUMBER

IAP20 Recd 100-1770 24 MAR 2006

PTO/SB/17 (01-06)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL For FY 2006

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ ) 3,230.00

#### Complete if Known

|                      |                                  |
|----------------------|----------------------------------|
| Application Number   | Not Yet Assigned                 |
| Filing Date          | Concurrently Herewith 03/24/2006 |
| First Named Inventor | Sture Lindahl                    |
| Examiner Name        | Not Yet Assigned                 |
| Art Unit             | N/A                              |
| Attorney Docket No.  | 43315-229589                     |

#### METHOD OF PAYMENT (check all that apply)

Check     Credit Card     Money Order     None     Other (please identify): \_\_\_\_\_

Deposit Account    Deposit Account Number: 22-0261    Deposit Account Name: Venable LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

|   |   |
|---|---|
| <input checked="" type="checkbox"/> Charge fee(s) indicated below   | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments                       |

#### FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

##### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| <u>Application Type</u> | <u>FILING FEES</u> |                     | <u>SEARCH FEES</u> |                     | <u>EXAMINATION FEES</u> |                     | <u>Fees Paid (\$)</u> |
|-------------------------|--------------------|---------------------|--------------------|---------------------|-------------------------|---------------------|-----------------------|
|                         | <u>Fee (\$)</u>    | <u>Small Entity</u> | <u>Fee (\$)</u>    | <u>Small Entity</u> | <u>Fee (\$)</u>         | <u>Small Entity</u> |                       |
| Utility                 | 300                | 150                 | 500                | 250                 | 200                     | 100                 |                       |
| Design                  | 200                | 100                 | 100                | 50                  | 130                     | 65                  |                       |
| Plant                   | 200                | 100                 | 300                | 150                 | 160                     | 80                  |                       |
| Reissue                 | 300                | 150                 | 500                | 250                 | 600                     | 300                 |                       |
| Provisional             | 200                | 100                 | 0                  | 0                   | 0                       | 0                   |                       |

##### 2. EXCESS CLAIM FEES

###### Fee Description

Each claim over 20 (including Reissues)

|                     |                 |
|---------------------|-----------------|
| <u>Small Entity</u> |                 |
| <u>Fee (\$)</u>     | <u>Fee (\$)</u> |

50                          25

Each independent claim over 3 (including Reissues)

200                          100

Multiple dependent claims

360                          180

|                     |                     |                 |                      |                                  |
|---------------------|---------------------|-----------------|----------------------|----------------------------------|
| <u>Total Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Multiple Dependent Claims</u> |
| 52                  | - 20 =              | 32              | x 50 =               | 1600                             |

HP = highest number of total claims paid for, if greater than 20.

|                      |                     |                 |                      |                 |                      |
|----------------------|---------------------|-----------------|----------------------|-----------------|----------------------|
| <u>Indep. Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
| 6                    | - 3 =               | 3               | x 3 =                | 600             |                      |

HP = highest number of independent claims paid for, if greater than 3.

##### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

|                     |                     |   |                 |                      |
|---------------------|---------------------|---|-----------------|----------------------|
| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
| 23                  | - 100 =             | /50 (round up to a whole number) x                      | =               |                      |

##### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

|  |          |
|--|----------|
| Other (e.g., late filing surcharge): 1631 Basic National Stage fee | 300.00   |
| 1633 National Stage Examination Fee - all other ...                | 200.00   |
| 1642 National Stage Search Fee - search report ...                 | 400.00   |
| 1617 Search fee, examination fee or oath or ...                    | 130.00   |
| 1615 National Stage claims - extra total (over twenty and ind.)    | 2,200.00 |

|                     |  |                         |                                      |                |           |                |
|---------------------|--|-------------------------|--------------------------------------|----------------|-----------|----------------|
| <b>SUBMITTED BY</b> |  | <i>Eric J. Franklin</i> | Registration No.<br>(Attorney/Agent) | 37,134         | Telephone | (202) 344-4936 |
| Signature           |  |                         | Date                                 | March 24, 2006 |           |                |
| Name (Print/Type)   |  | Eric J. Franklin        |                                      |                |           |                |